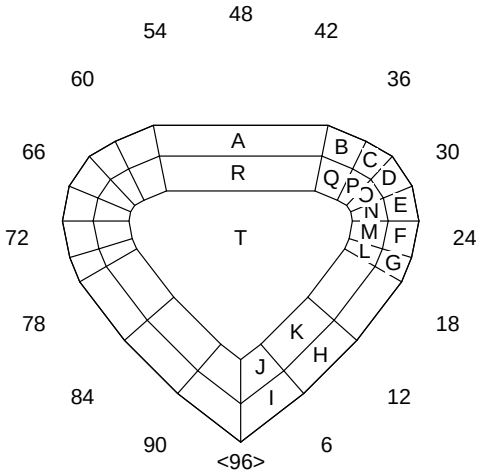

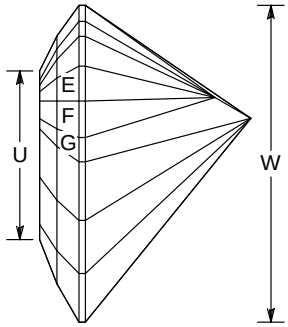

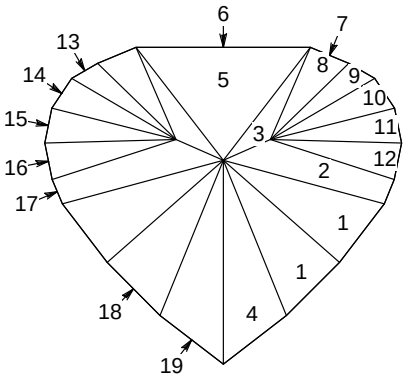

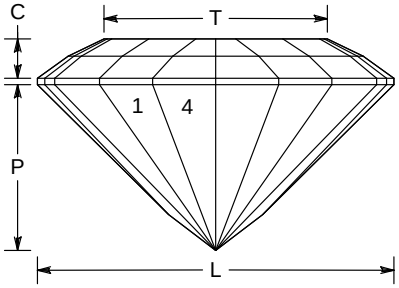

Heart Attack

by Henk Prins, July 2018.
Angles for R.I. = 1.760
60 + 19 girdles = 79 facets
1-fold, mirror-image symmetry
96 index
L/W = 1.129 T/W = 0.707 U/W = 0.533
P/W = 0.524 C/W = 0.125
Vol./W³ = 0.222

PAVILION

1	47.00°	12-14-82-84	Cut to PCP
2	45.00°	18-78	Meet PCP
3	53.40°	46-50	Meet PCP
4	45.70°	10-86	Meet PCP
5	55.80°	48	Meet PCP
6	90.00°	48	Establish girdle
7	90.00°	42-54	Meet 3-5-6
8	52.30°	42-54	Meet 3-5-6-7, level girdle and establish pivot point.
9	51.00°	40-56	Meet Pivot @ 2-3-8
10	47.06°	33-63	Meet 2-3-8-9
11	45.40°	27-69	Meet 2-3-8-9-10
12	45.10°	21-75	Meet 2-3-8-9-10-11
13	90.00°	40-56	Level girdle
14	90.00°	33-63	Level girdle
15	90.00°	27-69	Level girdle
16	90.00°	21-75	Level girdle
17	90.00°	18-78	Level girdle
18	90.00°	12-14-82-84	Level girdle
19	90.00°	10-86	Level girdle

CROWN

A	36.00°	48	Establish girdle width
B	36.00°	42-54	Level girdle
C	36.00°	40-56	Level girdle
D	36.00°	33-63	Level girdle
E	36.00°	27-69	Level girdle
F	36.00°	21-75	Level girdle
G	36.00°	18-78	Level girdle
H	36.00°	12-14-82-84	Level girdle
I	36.00°	10-86	Level girdle
J	26.50°	10-86	Set size of Tier 1
K	26.50°	12-14-82-84	Level tier
L	26.50°	18-78	Level tier
M	26.50°	21-75	Level tier
N	26.50°	27-69	Level tier
O	26.50°	33-63	Level tier
P	26.50°	40-56	Level tier
Q	26.50°	42-54	Level tier
R	26.50°	48	Level tier
T	0.00°	Table	Meet N-O-P

C:\Users\henks\Dropbox\Gemology on line\Heart Attack\Heart Attack.gem